



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
PO041481	MES002-VC	1	1	Net 60	MT-4140-B-1.500X2.250	AISI 4140 / 4142 Steel Bar 1.500 T x 2.250 W : AISI 4140 STEEL BAR PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MINIMUM ROCKWELL C = 28 RC MAXIMUM ROCKWELL C = 32 RC				8	11/9/2018	8		S124011	Stock	10/31/2018	\$ 38.06 / ft	1		\$304.50	Metaux Solutions	
		2			MT-4140-S-1.250X2.125	AISI 4140 / 4142 Steel Plate 1.250" X 2.125" : AISI 4140N STEEL SHEET OR PLATE AS PER ASTM A829 OR AMS 6395 MIN: ROCKWELL C = 28 RC MAX: ROCKWELL C = 32 RC				6		6		S124012	Stock	10/31/2018	\$ 30.45 / ft	1		\$182.70	Metaux Solutions	
		3			MT-4140-S-1.500X4.000	4140 Steel Sheet 1.500 X 4.000 : MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE MINIMUM ROCKWELL C = 28 Rc MAXIMUM ROCKWELL C = 32 Rc ASTM A829, AMS 6395				24		24		S124013	Stock	10/31/2018	\$ 64.53 / ft	1		\$1,548.60	Metaux Solutions	
										Total:			38								\$1,552.11	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO041481

Supplier: MES002-VC
Metaux Solutions
2625 boul Jacques-Cartier Est
Longueuil
QC
J4N 1L7 Canada
Phone: 800 558 8858
Fax: 514 633 8044

PO No: PO041481
PO Date: 10/26/18
Due Date: 11/9/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

E-MAILED
OCT 27 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		MT-4140-B-1.500X2.250		AISI 4140 / 4142 Steel Bar 1.500 T x 2.250 W : AISI 4140 STEEL BAR PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MINIMUM ROCKWELL C = 28 RC MAXIMUM ROCKWELL C = 32 RC	Firmed	-	11/9/18	8 ft	0 ft	8 ft	\$38.0625/ft	\$304.50
2		MT-4140-S-1.250X2.125	MP11441H	AISI 4140 / 4142 Steel Plate 1.250" X 2.125" : AISI 4140N STEEL SHEET OR PLATE AS PER ASTM A829 OR AMS 6395 MIN: ROCKWELL C = 28 RC MAX: ROCKWELL C = 32 RC	Firmed	-	11/9/18	6 ft	0 ft	6 ft	\$30.45/ft	\$182.70



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041481

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3/ AT		MT-4140-S- 1.500X4.000		4140 Steel Sheet 1.500 X 4.000 : MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE MINIMUM ROCKWELL C = 28 Rc MAXIMUM ROCKWELL C = 32 Rc ASTM A829, AMS 6395	Firmed	-	11/9/18	24 ft ✓ 244	0 ft	24 ft At 18/11/02	\$64.525/ft	\$1,548.60

Grand Total: \$2,035.80

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/26/18 11:42 AM dart.lavoie.chantal

~~6061t6 bar 2" x 3" x 12 ft 36.70/ft~~

~~6061t6 angle 1" x 1" x .125" wall x 20 ft 5.20/ft~~

~~1144 round bar 4.5" x 6 ft 1613.85/ft~~

~~4140 bar 2" x 4" x 8 ft 684.60/ft~~

~~4140 bar 1.5" x 2.250" x 8 ft 304.50/ft~~

~~4140 sheet/plate 1.250" x 2.125" x 6 ft 182.70/ft~~

~~4140 sheet/plate 1.5" x 4" x 24 ft 774.30/12'~~

~~4140 qt round bar 0.875" x 12 ft 19.75/ft~~

~~4140 qt round bar 6.5" x 3 ft 198.70/ft~~

~~4140 qt round bar 2.5" x 12 ft 55.00/ft~~

~~4140 qt round bar 2.750" x 12 ft 66.55/ft~~

~~4140 qt round bar 4" x 4 ft 160.40/ft~~

~~Hrs round bar 6" x 2 ft 311.40/ft~~

~~Hrs plate 0.625" x 1 pcs of 4 ft x 4 ft 616.65/ft~~

~~17-4 round bar 0.750" x 24 ft 76.70/ft~~

Thanks
Chantal

Chantal Lavole
Purchasing Coordinator

DART AEROSPACE
T 1 613 632-5200
F 1 613 632-1053
E clavole@dartaero.com
1 800 556-4166
www.dartaerospace.com



Jérôme Primeau

De: Chantal Lavoie <clavoie@artaero.com>
Envoyé: Monday, October 22, 2018 11:29 AM
À: Jérôme Primeau
Objet: quote

Good morning Jerome,
Please advise price an delivery on mat'l.

~~1008~~
~~1010 sheet .125" x 32 ft 225.00/ft 4' x 8'~~
~~1018 sheet 0.625" x 1 pcs of 4 ft x 4 ft 616.61/ft~~

~~1018 bar 0.625" x 10" x 4 ft 325.00/ft~~
~~1018 round bar 1.625" x 12 ft 12.60/ft~~

~~304 bar 0.750 x 1" x 12 ft 13.20/ft~~
~~304 bar 1" x 1.250" x 12 ft = 33.10/ft~~
~~1 1/2~~

~~304 round bar 0.513 x 12 ft 1.40/ft~~
~~304 round bar 5.5" x 10 pcs cut at 10.625" 438.35/ft~~

~~303 round bar 0.500" x 36 ft 5.90/ft~~
~~303 round bar 1" x 24 ft 15.10/ft~~
~~303 round bar 0.750" x 24 ft 9.50/ft~~
~~303 bar 1" x 3" x 12 ft 135.45/ft~~

~~4130n round tubing 0.500" x .083" wall x 100 ft 16.80/ft~~

~~4130n round bar 0.250" x 12 ft regret~~

~~6061t6 round bar 1" x 24 ft 6.75/ft~~
~~6061t6 round bar 1.125" x 24 ft 7.35/ft~~
~~6061t6 round bar 1.5" x 12 ft 14.20/ft~~
~~6061t6 round bar 5.5" x 3 ft 147.80/ft~~
~~6061t6 round bar 6" x 2 pcs cut at 6 ft 158.40/ft~~
~~6061t6 bar 0.875" x 2.250" x 12 ft OFFER 1 x 2 1/2 = 14.20/ft~~
~~6061t6 bar 1" x 3" x 12 ft 20.05/ft~~
~~6061t6 bar 1" x 3.625" x 6 ft 1 x 4 = 21.00/ft~~
~~6061t6 bar 1" x 6" x 36 ft 32.60/ft~~
~~6061t6 bar 2.375" x 7" x 4 ft x 2 1/2 = 1330.10/ft~~
~~6061t6 bar 2.5" x 1.5" x 12 ft 25.85/ft~~
~~6061t6 bar 0.625" x 0.625" x 12 ft 2.20/ft~~
~~6061t6 bar 2.5" x 2.5" x 6 ft 46.40/ft~~
~~6061t6 bar 0.750" x 0.125" x 60 ft 1.55/ft~~
~~6061t6 bar 1.5" x 2" x 12 ft 21.00/ft~~
~~6061t6 bar 1.5" x 2.5" x 24 ft 22.40/ft~~
~~6061t6 bar 2" x 2.250" x 12 ft 32.20/ft~~

2 1/2

Shipping Order

29/10/2018

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 **Tel. : 450 641-3330**

Order : 139259
Reference : 41481
Ship : PICK UP / PICK UP

Customer : 6323336**Ship To**

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
MP11241H	4140 HTSR PLATE 1.5" THICK 1.5298 x 2.43 1 X 2.25" X 96" 1.5298" x 96"	105	105	Q
MP11441H	HT 94790 4140 HTSR PLATE 1.250" THICK 1.282 x 2.400 1 X 2.125" X 72" 1.288" x 2.417" x 72"	63	63	Q
MP112441H	HT 94790 4140 HTSR FLAT 1.500 X 4.000 TO FIN 2 X 144" 1.535" x 4.045" 12'2"	534	534	Q
	HT 94466			
	LIVRE			
	JP			

Shipping : _____**Ref. :** _____**Package No :** _____**Merchandise Received:** _____



Métaux Solutions

L'alliage de qualité et de rapidité !

2625, Boul. Jacques-Cartier Est
Longueuil (Québec) J4N 1L7

info@metauxsolutions.com
T 450 641-3330
Ext : 1-800-967-2003

CERTIFICAT D'ANALYSE

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

30 oct. 2018

Part Number / Description	Shipped Qty
---------------------------	-------------

MST15000

2,140 Pounds

Plate 1-1/2 4140/42 Prehard

33.81250 x 146.31250

ASTM A-829

DFARS Compliant

Country of Origin: USA

Lot: 426124A

PM Heat: 94790

BHN: 271

C: 0.4200

Mn: 0.8000

P: 0.0140

S: 0.0060

Si: 0.2500

Cr: 0.9000

Mo: 0.1700

Cu: 0.2300

V: 0.0430

Ni: 0.1000

ITEM : 1 X 2.25" X 96"

COMMANDE : 139259

REF : 41481

Métaux Solutions inc. certifie que les analyses sur ce document sont exactes et que le matériel rencontre les spécifications énumérées.

Préparé par 

8 7 6 5 4 3 2 1

REV	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	NEW ISSUE	18-544	18.2.13	VM	ML

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE
MINIMUM ROCKWELL C = 28 Rc
MAXIMUM ROCKWELL C = 32 Rc

SPECIFICATION: ASTM A829, AMS 6395

PART NUMBER: MT-4140-S-[T.TTT] x [W.WWW]
WHERE "T.TTT" = THICKNESS IN INCHES
WHERE "W.WWW" = WIDTH IN INCHES (OPTIONAL FOR SPECIFYING CUT PLATE)

EX. 0.063" THICK SHEET = MT-4140-S-0.063
EX. 3.5" WIDE BY 0.500" THICK PLATE = MT-4140-S-0.500X3.500

DART AEROSPACE	
TITLE: AISI 4140 / 4142 STEEL SHEET OR PLATE	
PART NO	REV
MT-4140-S	A
TOOL NO.	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIMENSIONS ARE TO BE HONED DIMENSIONS ARE TO BE HONED	
DESIGNED BY: VM 2/13/2018	TOLERANCE: FRACTIONS ± 1/8
DRAWN BY: VM 02/13/2018	ANGLES: ANGLES ± 1°
CHECKED BY: VM 02/13/2018	SURFACE: SURFACE ± 1
APPROVED BY: ML 02/13/2018	ROUGHNESS: ROUGHNESS
COPYRIGHT © 2018 BY DART AEROSPACE LTD.	
THIS DOCUMENT IS UNCLASSIFIED AND IS AVAILABLE TO THE PUBLIC IN WHOLE OR IN PART WITHOUT LIMITATION.	

ngdc

1 2 3 4 5 6 7 8

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-4140-B-1.500x2.250

PO / BATCH NO.: P004148/S124011

DATE: 18/11/01

MATERIAL CERT REC'D: ECS

THICKNESS ORDERED: 1.500"

QUANTITY RECEIVED: 84

THICKNESS RECEIVED: 1.500"

QUANTITY INSPECTED: 84

SHEET SIZE ORDERED: ✓

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: ✓

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	ATTN AB.29
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	MT: 94790
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/11/01</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Métaux Solutions

L'alliage de qualité et de rapidité !

2625, Boul. Jacques-Cartier Est
Longueuil (Québec) J4N 1L7

info@metauxsolutions.com
T 450 641-3330
Ext : 1-800-967-2003

CERTIFICAT D'ANALYSE

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

30 oct. 2018

PARTICULARS OF ANALYSIS **Shipped Qty**

MST12500

1,782 Pounds

Plate 1-1/4 4140/42 Prehard

34.06250 x 144.62500

ASTM A-829

DFARS Compliant

Country of Origin: USA

Lot: 426352b

PM Heat: 94790

BHN: 277

C: 0.4200

Mn: 0.8000

P: 0.0140

S: 0.0060

Si: 0.2500

Cr: 0.9000

Mo: 0.1700

Cu: 0.2300

V: 0.0430

Ni: 0.1000

ITEM 2: 1 X 2.125" X 72"

COMMANDE : 139259

REF : 41481

Métaux Solutions inc. certifie que les analyses sur ce document sont exactes et que le matériel rencontre les spécifications énumérées.

Préparé par

8 7 6 5 4 3 2 1

REV	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	NEW ISSUE	18-544	18.2.13	VM	ML

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE
MINIMUM ROCKWELL C = 28 Rc
MAXIMUM ROCKWELL C = 32 Rc

SPECIFICATION: ASTM A829, AMS 6395

PART NUMBER: MT-4140-S-[T.TTT] x [W.WWW]
WHERE "T.TTT" = THICKNESS IN INCHES
WHERE "W.WWW" = WIDTH IN INCHES (OPTIONAL FOR SPECIFYING CUT PLATE)

EX. 0.063" THICK SHEET = MT-4140-S-0.063
EX. 3.5" WIDE BY 0.500" THICK PLATE = MT-4140-S-0.500X3.500

DART
AEROSPACE

Hand-drawn, Original, Standard

TITLE		AISI 4140 / 4142 STEEL SHEET OR PLATE	
PART NO.	MT-4140-S	REV	A
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. DIMENSIONS APPLY AFTER FINISHING.			
INITIALS AND DATE		TOLERANCES	
DESIGNED BY:	VM 2/13/2018	FRACTIONS ± 1/8	
DRAWN BY:	VM 02/13/2018	DECIMALS ± .005	
CHECKED BY:	VM 02/13/2018	ANGLES ± .1°	
MFG REVIEW BY:	ML 02/13/2018	SURFACE ROUGHNESS	
APPROVED BY:	ML 02/13/2018	SCALE:	NTS
COPYRIGHT © 2018 BY DART AEROSPACE LTD.		SHEET 1 OF 1	
THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREIN. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.			

Noted

1 2 3 4 5 6 7 8

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-9440-S-1.250x2.05

PO / BATCH NO.: P0041481/S124012

DATE: 18/11/01

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.250"

QUANTITY RECEIVED: 64

THICKNESS RECEIVED: 1.250"

QUANTITY INSPECTED: 64

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>ASTM A829</u>
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>MT 94790</u>
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/11/01</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

CERTIFICAT D'ANALYSE

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

30 oct. 2018

MSP15000-40000

1,779 Pounds

Bar 1-1/2 x 4 x Any

4.01500 x 146.37500

DFARS Compliant

Country of Origin: SLOVENIA

Lot: 423916C

PM Heat: 94466

BHN: 284

C: 0.4000

Mn: 0.7640

P: 0.0100

S: 0.0005

Si: 0.2500

Cr: 0.9600

Mo: 0.1500

Cu: 0.2500

V: 0.0380

Ni: 0.2200

ITEM 3: 2 X 144"

COMMANDE : 139259

REF : 41481

Métaux Solutions inc. certifie que les analyses sur ce document sont exactes et que le matériel rencontre les spécifications énumérées.

Préparé par



Reply all | Delete | Junk | ...

FW: Metaux Solutions PO041481 missing ASTM

CL

Chantal Lavoie

Today, 2:32 PM

Andrew Tollis

Reply all |

Inbox

Same astm for all mat'l.

Thanks

Chantal

From: Jérôme Primeau <j.primeau@metauxsolutions.com>

Sent: Tuesday, November 13, 2018 1:24 PM

To: Chantal Lavoie <clavoie@dartaero.com>

Subject: RE: Metaux Solutions PO041481 missing ASTM

It's the same of all other

De : Chantal Lavoie [<mailto:clavoie@dartaero.com>]

Envoyé : Tuesday, November 13, 2018 12:54 PM

À : Jérôme Primeau <j.primeau@metauxsolutions.com>

Objet : FW: Metaux Solutions PO041481 missing ASTM

Hi Jerome,

On po041481 line #3 we are missing the astm #.

Thanks

Chantal

From: Andrew Tollis

Sent: Tuesday, November 13, 2018 12:47 PM

To: Chantal Lavoie <clavoie@dartaero.com>

Cc: Patrick Duval <pduval@dartaero.com>

Subject: Re: Metaux Solutions PO041481 missing ASTM

Hi Chantal,

Any update for this?

Thank you,

Andrew

From: Andrew Tollis

Sent: Friday, November 2, 2018 9:02:04 AM

To: Chantal Lavoie

Cc: Patrick Duval

Subject: Metaux Solutions PO041481 missing ASTM

 Reply all |   Delete Junk |  

Missing ASTM or AMS on line 3 of PO041481 from Metaux Solutions.

Thank you,
Andrew

This e-mail message has been scanned by **SEG Cloud**

CERTIFICAT D'ANALYSE

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

30 oct. 2018

Part Number/Description	Shipped Qty
-------------------------	-------------

MST15000

2,140 Pounds

Plate 1-1/2 4140/42 Prehard

33.81250 x 146.31250

ASTM A-829

DFARS Compliant

Country of Origin: USA

Lot: 426124A

PM Heat: 94790

BHN: 271

C: 0.4200

Mn: 0.8000

P: 0.0140

S: 0.0060

Si: 0.2500

Cr: 0.9000

Mo: 0.1700

Cu: 0.2300

V: 0.0430

Ni: 0.1000

ITEM: 1 X 2.25" X 96"

COMMANDE: 139259

REF: 41481

Métaux Solutions inc. certifie que les analyses sur ce document sont exactes et que le matériel rencontre les spécifications énumérées.

Préparé par

8 7 6 5 4 3 2 1

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	NEW ISSUE	18-544	18.2.13	VM	ML

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE
MINIMUM ROCKWELL C = 28 Rc
MAXIMUM ROCKWELL C = 32 Rc

SPECIFICATION: ASTM A829, AMS 6395

PART NUMBER: MT-4140-S-(T.TTT) x (W.WWW)
WHERE "T.TTT" = THICKNESS IN INCHES
WHERE "W.WWW" = WIDTH IN INCHES (OPTIONAL FOR SPECIFYING CUT PLATE)

EX. 0.063" THICK SHEET = MT-4140-S-0.063
EX. 3.5" WIDE BY 0.500" THICK PLATE = MT-4140-S-0.500X3.500

DART
AEROSPACE

Hand-drawn, Orders, Details

TITLE		AISI 4140 / 4142 STEEL SHEET OR PLATE	
PART NO.	MT-4140-S	REV	A
DIMENSIONS ARE IN INCHES DIMENSIONS APPLY AFTER FINISHING			
DESIGNED BY	VAL 2112/2018	TOLERANCES	FRACTIONS ± 1/8 DECIMALS ± .005
DRAWN BY	VM 0211/2018	XX ± .01	ANGLE ± 2°
CHECKED BY	VM 0211/2018	XX ± .01	ANGLE ± 2°
MFG REVIEW BY	DD 0211/2018	XX ± .01	ANGLE ± 2°
APPROVED BY	ML 0214/2018	SCALE: NTS	SHEET 1 OF 1
COPYRIGHT © 2018 BY DART AEROSPACE LTD			

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Handwritten signature: M. J. J.

8 7 6 5 4 3 2 1

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-4140-S-1.500x4.000

PO / BATCH NO.: P0041481/5124013

DATE: 18/11/13

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.500"

QUANTITY RECEIVED: 2401

THICKNESS RECEIVED: 1.500"

QUANTITY INSPECTED: 2401

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N	ASTM A829
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N	LT# 94466
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/11/13</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in